CYCLISTS OPEN SEASON



Saviel Isack cyclista have started a series of mational avents at the Krylotskove Olymple track in Moscow for the new season. Some 150 lup recere are now compelling, mostly in hunch races, la build up coulidence after the break and will via for the Asialloi prizes in the Olymplc avants over January 18-20.

Alan ospected to attend are cyclisis from France, Poland, Ilungary and Bulgaria, who view the evant as providing en ex-cellent apportunity to check their shape for the 1984 Olympic seasnn an a fast track and ta meet leading Soviel cyclists who have their aights set on Cilympic awords. Teking part will be Sergel Kopylov, world time trials and aliver aprint medalits from Tula, and 4 km individual pursuit world champlen and recard breaker, Viktor Kupo vets, from Roslov-on-Don, o dis covery of last aeasun.

Krylaiskriye will also host the national winter championship on January 26-31 which will make It clearer just who is in the rim-

ning for the Olympics. Alexander BUTSENIN Photo by Yuri Tulov

in the photn: e scece trom the 100-lap individual raco willi 20 informediale Unishes.

RUSSIAN TROIKA CHAMPIONSHIP min (Viodini) Region), drove a lilo of Orel jet-black horses, alaung them wheelet Pucherk.

Russiaa tratkas at the USSR Exhibitian of Economic Achievements.

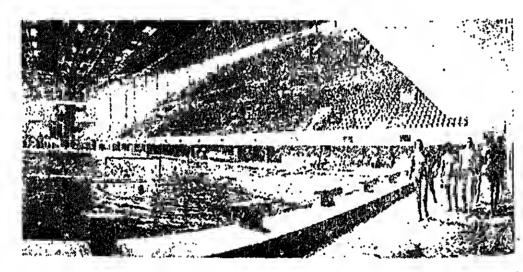
The USSR Exhibition of Eco nomic Achievements in Moscow was recently the venue lot the onnuol Ruesian trolka championahip, hald os pari of the Russian Winter Festivel. Taking part in this colouring gala were 20 troikea from vorious studiorms in the Russian Pederation.

Over 20,000 exhibition visitars were able to take o ride in a The winner of this champion slip for the lenth time. V. Fottolka during the fele-

and harness.

back in shape Valery Sereda, Irsm Leeko

Suntiner Tournsment of & Nettons, scored the world's mark of the season-20 c competing, offer an injug.c: inclinital event for Yud Se nov. Ihs first Soviet bigbi: ing world record holder & Motorny and Igor Sanyleti from Leningrad, came to E will jumps of 225 cm ext



Phota by Andret Knyazev

By common consent, his trolka

leam stood out among the rest of

the Held in terms of their coat

Muscovites make use of the Olimpiisky pool

Every day 6,000 Aluscovites Irain at this country's higgest Olimpidsky swimming pool :ii Moscow which was specially Olympics

It now has two 50 in pools each with tell lenes and one lo diving, in addition to lour gyms. as well as a cenabilitation centro, including long sautas, the Sharko hydromassage, and cir

Personnel from over 600 Moscow offices and factories proclise here under some 80 coaches A total al 190 groups will cater in 15 people each this

Rigidar athletes use the pool loo, among them distinguished swimmers, we'er polo players. divers, synchronized and finder-water swimmers and water sklers, in addition to children from various schaols.

Wales skiess use a powerful winch lised on the edge of the pool and used lot a launch to help them make two to three figures an now 50 m stretch.

The poul is the alle of his nalional and international contests atlended by 15,000 viewers at a Volerlya MIRONOVA

Norway's

The slodiums I saw in Mos-

Havelenge site-sed, fully con-lorm to FIFA requirements, From Leningrad I Intend to Irevel to Georgia, Armento and Moscow.

The FIFA president noted that the other championship bidders were Britain, Greece and Holy. The linal selection will be meda in May after o apecial commis-sion set up by the FIFA Execustudied all that each bidder has

Olympic bid

According to attreey rue by the local public opicion institute, most Norwegions favour the lown of Lillehammer, 180 kilometres north of Oslo, to host the 1992 Winles Olympics.
A special Olympic committee

hea been set up to include mem-bers of the municipal council, political parties, sports organiza-tions and the business community. According to presu

54 Abid Shopping

|Chirog Ali] Hyderebad-500001

● Librerie Ijelia-USSS

reports, the committee has asked the government to discuss economic guernilees for all expenses involved in the organization and slaging of the 1992 Winter Olym-

1984 artistic programme slashed

According to reports from Los Angeles the ortistic progremme los the 1984 Olympics has been

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aubscription.

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DEAS READERSI in alhar countries subscription for "MN. information" cen be taken out with compenies which do business with V/O Mezhdunerodneya Kniga. The "Moscow News" weakly is evellable in Russian as well Contact the firm or egency hendling sub-scription for Soviel periodicels

Biathlon

Olympic champion, Vic. Ecrossboy from Ond. c lidently wun the 20 km mi a national competition is \$41 tovsk. Vladitali Alkie ta Perm, wan the 10 km mt

Sereda

IN SIGHT high-jumping whose at the Beginning, on January 2, Franco began to receive an ex-tra 2,300,000 cu in ol gas daily, nul liont January 8, twica as much as thoi, under an agreement with Guz de Franco. The gas is llowing via the new Western Stherla-Western En-rope gas pipelina which was built ahead of schedule. Those in the West who oppo se the deal reacted at once by saying that the Russians "tri-tked" everyone, that the pipe-line was not yet ready and

dustry.

No. 4 (519), JANUARY 14-16, 1984

NO SENSATION

that the gas was conting to

France by a pipeline bull car-

We asked for comment from Siepan DEREZHOV, 11888 de-

puly infalsier for the gas in

The new tripeline is operating normally, it will reach ta-

pacity operation of some

lirst six months of this year.

All speculation that its opera-tion will be lindered by faulty equipment simply belies the

Every line the construction of the pipeline that, as is known, in very complex condi-

lions) reached some milesione sumous started alrest, attempt-ing to slight this country's ac-

complishments and politoy us os en unrallebla business pari-

I think the present "sensa-tions" are but on attempt to

prove that the abortive "em-bargo" has affected our plans in some way. Our hera, deny-

ing any influence, I may be

wrong as it has delinitely occe-lerated our work.

FACTS

and EVENTS

O The Greater Landan Cauncil has called for a broad

campaign of action against any

form of cooperation with the re-cist ragime in Pretorie. The anti-apartheid declaration da-

vised by the Cauncil provides

lar the cassotion of ony links or contacts by Greater London

with organisations or compa-

Havano summing up the 12th

O A pratocol was signed in

South Airlean ragime.



Agrate Transference

Price 5 kopeks

Upper pholo: volunteers from one of the people's vigilanto squads which are fieling formed throughout Augula to deleud the gains of the revulation.



Independence and territorial in-

Below: the consequences of South Atrica's barbaric aggression against Angolo.

Photos ADN-TASS

DANIEL ORTEGA: ON THE DOWNING THE U.S. HELICOPTER OVER NICARAGUA

joint Cuban-Hungorton cammis-sion on economic, scientific and technological camparation, Including an agreement on credits and assembly of Hun-garian thorus buses in Cubs. Alsasgue. The shooting down of the US Alt Porce helicopter over Nicaiaguo is o direct con-sequence of the Resgan odministration's aggressive policies in Centrol America. This was declared at a press conference here by Danial Orlega, member of the Saudinial National Liberation Freet and Coordinator of the Rirling Council of the Gov-ernment of National Reconstruc-

gerian thorus buses in Cubs.

O A new toachers training institute has opened in Loubomo, the administrative cantro of the Niarl Rogion in control Congo. It will train teachers of national lenguages, chamistry, bloingy, maths, and physics.

O Accarding to the "Jerusalem Post", the Israell sociel sacurity system is an the verge of disaster due to the government's auslerity policy and tion of Nicorague. mant's ausierity policy and oxed spandings for sociol needs. Some 100,000 israeli Soldiers of the Sandinist Penple's Army opened fire at the helicopier of the vary proment if violated Nicaroguan atrapace by and aid people eligiband organizations may soon lind themsolves out on the

olulionory grouplogs or by those belonging to the Honduren Air Force which provide the Nicara-guao counter-revolutioneries with

YURI ANDROPOV: 'Not a single chance must be missed'

"Now as before, we maintain that not a single possibility and not a single chance must be misrad for raturaling to the path of negotiations with a view to raducing nuclear armaments both in the Worl and the Earl on the role really existing foundation for this - the loundation of equality

This is stated in Yuri ANDROPOV'S roply to a massage fram the French antiwar organization "Appeal of 100". The raply was presented to that movement's delagation in Marcow by Vasily KUZNETSOV, Alternate Mombas of the Politibureau at the CPSU Central Committee, Flist Vice-Prarident of the Prestdium at the USSR Suprame Soviet.

"the throat of nuclear was lies really grown as a result of the incipient daployment of new American misrilar in Europe," Itse document points out. "The entire responsibility for the axisting situation is borne by the USA and loose of its NATO allies which supported the deployment of new American missiles on European roll."
"We," Yiii Andropev omphasises, "completely understand the Franch

paop'o'r Inc-earact concern, as exprarred in your appaal, over the inlure of our continent, I will not concern that the Saviet paople's principal concern loday is alro to oliminate the state of nuclear wor. But we believe the two exirting situation in not irreversible. The Soviet loadership has already declared quite clearly that it the NATO countries display readiness to return to the rituation which exirted before the beginning at the deployment of American medium-range mirrites in Europe, the USSR will also be a seed to do this?

CHRISTIANS

FOR REASON

Soch). An appeal to Christians throughout the world to help

consolidate peace and to take ar-

Hon to counter the danger of nuclear war has been made in a

communique signed here at the end of the talks between Soviet

The laiks relied the delegates'

oppose the initiary threat to nauktud. As Christians, wo must give everything we have got to join effects to build up peace, said paster Michael Takelchi proposed had essented to be be the building the manufacture.

e conterence be hold in Hiroshi-

nto between Christians from

three countries — the Soviet Union, the United States and

Japan. Archpilest Leonid Kuz-

Japan. Archeriest Leonia Kurminovirom a church in Moscow
spoke eboul the Russion Orthodox Church's increasing
peace-keeping octivities, He
quoted Pairlarch Pimen of Moscow end All Russia who said
that tike other feithful ears end

FOR LENINGRAD

unanimens determination

and Japanese Christians.

APPEAL

TRIPARTITE **EXPRESSION** OF SOLIDARITY

In Moscow, representatives of the ESSR. Angola and Cuba have held consultations during which they discussed the situation in Angola particularly in fight of continued aggression by the South African Republic against that country.

The exclusinge of vicus was held in a rearm, intendly almu-sphere and in a spirit of com-plete initial inderstanding. The delegates expressed flicir solidarily with the stringgle of the Angolan people in defence of their revolutionary gains. They reached egreement concering assistance to the People's Republic of Angolo in alrengthening its delence copacity and ite

doughlers of their motherland, Soviet Christians have cleays joined other people of goodwill in their efforts to make sure peace and justice prevail for eli

military support. The United Steles itself hos repeatedly de-clered that the American troops taking part in the Big Ploe-2 milstructed not to epproach the border with Nicarague, The American authorities will therefore be unable to provide e credible explenetion of this viole tion of our altapeco by e.US Atr Force helicoptor, he celd.

Daniel Ortoga expressed hope Nicaragus. This zone is usually madd to further aggravate the extraction to Centrel

Yuri Grigorovich being congratulated by Yeleve Obraztaova, the Photo by Georgi Solovyov

TWENTY YEARS AT THE BOLSHOI

Yuri Griguruvich has been Chief Charcogropher at the Bol-shol in Moscow for twenty years now. To mork this onniversary, the Bolstol company is staging a performance of three acts from the ballets, "Spertacus" by Arem Khocholsryaa, "Romeo ond Julioi" by Sergel Proxilav, and "The Coldea Age" by Dmitry Shoslekovich.

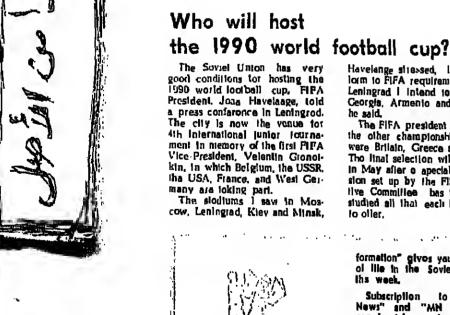
Shoslekovich.
Grigorovich has staged lee
ballets et the Bolshol, including
the three already mentioned, as
well es "fvan the Terrible" by
Sergel Prokoliev, "Angera" by
Aedrel Eshpal, eed classical interpretations of three ballets of Pyolt Tchalkovsky.

The Boishol is hie second home. He olton octa as chairmon oo the juries of notional and mony internetional ballet compe-litions. He has been the editor of lbe Encyclupaedte of Bellel, and la professor el Leningrad Conservelpire. This by no means ool axhamala ell sepects of hio eritalic and public aclivities, but choreographic work, however, is the most importent thing for him. At the moment, Grigorovich is slaging the clessical ballet, "Raymonda" by Glezunov and ble next production is to be "The Boll" by Shostakovich.

GOLD

Leolograd figure skatero Yalene Valova and Olog Vosilyey have proved, at the European their successful debut in the pro-Olympic season was not occidee lal. Last year's European silver medellists and world champions have got off to a confident start

(Continued on page 8)



ATTENTION.

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DEAR READERS.

"MN Information" comes out on Tuesdays and Salurdays and offers in balet the letest informotion an ovents in the USSS end in the world reported by YASS and loreign naws agencies. Mothleg shart of the moterial obsisted in the aditions of both "Moscow News" and "MH In-

ormation" gives you a full idea ths week.

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MARKA MERI

bull val which was la hard

held under UNESCO IE

A spokesman for the

Summer Olympics Organics Committee said that this said

to lack of time, most apace—but euch "algariust do not have a leg to

on. Local press supplied the committee's destal

programme is extremely the

by world famous enter

for the money aspect

hod said II was willing

eside 50,000 dollais

lms been cancelled.

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EDITORIAL BOARD

Published Tuesday Mit Index 10078. Yuri Gr MN INFORMATION

AN ONSLAUGHT AGAINST ICELAND

Reykjovik. The United States is pulling iceland atill birther into its plans of aggression, by expanding its military facilities on the tsland which play an in-

The US Strategie Air Command intends to amass consider-able reserves of fuel for strategic hombers in Iceland. The Bouse Committee on Appropriations to Washington discussed Pentagon's remeat for 60 million dellars to build a merine oil terminal and e fuel depot near an American basa in could-wost Iceland, tor the needs of a major American base at Kellovik. The volume of the new oil tanks will be eight limes lorger than the facilities available at the moment. This will sustain US Air Force opera-

begin.
While debailing in the Commilled the plans for expanding America's military presence in Iceland, enother 15.8 million dollara were requested to construct an underground centre to control the US Armed Forces, the ports. According to Penlogon apokesmen, who attended the Committee's meeting, this centre is to ensure the control of the

US A rined Forces for agreen days. it is surprising that questions which immediately concern iceland'a security, are being discussed in the US Congress while the teclandic Government knows nothing about this, the newspaper pointed out.

Prominent UNESCO member condemns U.S. blackmail

Delhi. The Reagan administration has been altarpty criticized for ita attempts to put pressure on the international community by threatening to withdraw from UNESCO. The criticism comes from T. N. Kaul, a prominent indian public leader and member of the UNESCO Executive Council. In an Interview to the Delht correspondent of the inter Press Service naws agen-cy, he pointed out that suiting circles in the United States are trying to dietalo to UNESCO, which cannot be tolerated by any sovereion state or ergani-

T. N. Keul condemned White House attempts to change the UNESCO Charter to suit its There are ne fegal

Aslananarive, Those who

think that nuclear war will not

alfact Africa are under a grave delusion, said President of the Democratic Republic of Mada-

gascar Didler Raisiraka. Despi-

different theologies and devel-

opment levels only brotherhood

and wiadom of the people could

save the earth and mankind

from nuclear disaster, the Pres-ideal pointed out.

VIEWPOINT

contredictions among states,

medo by American officiola that activities which promota disermanient, peace, and put an ond to race discrimination,

Kaul noted.

Wealingion's attempts bfackmalf community will be to no aveil. UNESCO wilf carry on with its work and fullif its noble mis-

Nolther to there ony substance to the allegations that UNESCO's frame of reference excludes such matters as the establishment of a new order in mess media coverage or the catablishment of o new world ecocomic order. In accordance with ite Charler UNESCO actisefeguarding peace on corth,

consistently carrying out a peaceful foreign policy and is ready to promote triendship and

cooperation with all nations.

Our country levours general and complete disarmament, oil-

mination of loteign military

bases, exeation of a nuclear-frea

zone in the Indion Ocean, dis-

solution of all military blocs,

and a new international eco-

FOR A EUROPE WITHOUT

Edgar CHEPOROV

Botha says 'No' to talks with SWAPO

You sea, gentleman, the constraints of international law are too

Drowing by K. Vysotsky and A. Rekunenko

ment says.

Lusaka. The South-West Alrica Peoplo's Organization, SWAPO, la ready to have tolks with South Africa provided that the two sides discuss a ceasofire without the intrusion of trreleased by SWAPO. A ceasefire agreement must lead to the tmplementation of the UN Secufly Council's Resolution No. 435 which demands an end to the illegef occupation of Namible hy the South African troops and

date when talks could begin through the medicition of the UN Secretary-General. Reports from Pretorie say that the racisi regime's Foreign Mi-nieler, R. Botha, has littly re-jected SWAPO's proposal for direct falks, Tho South African government sees no sense tu such negolialions, he cynically said, thus confirming thei the upariheld regime intends to perpcluate its occupation of Namible. Political observera point out that this statement was made aller consultollons with the recisia' American allies.

the holding of free elections

under UN supervision, the state.

It notes that for a long time the propagands machine in Prc-

toris has been trying to create en impression that South Africa

ts ready for negotiations, whereas in laci the recisis are

doing all they can to avoid such talks, SWAPO auggests that the

eo-called geogral administrator, who is in fect a colonial gov-ernor in Nemibia, set a specific

...Only brotherhood and wisdom of people Madegascar, he continued, is

nomic order based on equal co-operation of all states. On his country's domestic po-licy, the President noted some improvementa in the republic' economy. He siressed II had nearly reached self-sufficiency in the basic food products and the goal was to talse production of rice and wheat. He urged people to work belter still in the name of the Malagasi ac-

pending parts of the territory of the NATO member-caunfries.

pens in auch cases where there are none at present, a freesing at those weapens, and the with-drawal or destruction of esisting steckpiles of chemical weapons. These pledges could also apply te an agreement net to produce, acquira, impart or transfer chamtcal weapons to states fying boreting en egreament on meking Europe free of chemical weepons, the mamorendum paints auf, the interested stetes may, fi need ba coerdinate mutually accoptable and adequate forms of control, to ensure ellective implementation of their obligaitons by all parties to the egree-

Cfearly, the new Soviet Initiaitve opens up real ways of averiing the chamical threaf in Europe and aubsequently werld-wide. How will West European stefes react! The socialist countries espect the governments of NATO countries to give their luffest censideration to the proposel, it is obvious that a businessilke constructive approach to freeing Europe of chemical weapons would advance the interesis of all peoples end na-



Planom tenh. Relations afcorbat solidarily and all-round to operation between Kampuches and Laos era constantly proving and strengthening stressed Ches Sim, member of the Palliburer of the Central Committee of the Kampuchean Poople's Revolutionary Party and Chairman d the country's National Assembly. Addressing a meeting of Kampo chean-Laotian Islandship in Plinom Penli, ha emphasized that over the years since the country's liberation from the bloodstained power of Pol Pol the Kampuchean people have reconstructed the country and eliminated the Hireat of hunger with the help of the Soviel Union, Vietnam, Laos and other countries of the socialist con-

national situation, when the leces of imparialism and readle: ero alepping up their subversive activities egainst Kampuches Vielnam and Lags and trying ! tura back the revolutionary pro-cess in the indochiness couirlea, Kempuchea, Vietnam at Laoa ero closing still luther their renks vigorously rebulk; all the cuemies' schemes. It: Vionilane meeting of the leader of Kantpuchea, Vietnam and lain was essential for coordination the Indochinese countries their drive for peace, it outlines countries and launched considetivo peeco inilialiyes, Chea S: pointed eut

In the current complex inte-

North Korea proposes tripartite

Pyongyang. The United State must bear direct responsibilition the tensiona existing in the Korean Peninsula, alressed l speakers at the joint meeting the Central People's Committee and the Standing Council al b Supreme Paoplo'a Assembly the Democratic People's Republ ol Koree (DPRK).

In reccal years, the Unite States has been glaringly demonstrating its latention to perp tuolo the military occupa South Korae, it plens to hold its country es tia coloey end as i military besa. The Americas have declared East Asia including South Korea a region vitally ing South Korea a region vitalish important for its interests. The dectere their the security of South Korea is directly links with the accurity of the Unital States. They are also paddistout their forcea to the south of the Korean Peninsule and able cent ereas. Hostile ects against the DPRK which have entered highly dangerous stage, are best rapidly alepped up. The annul ream Spirit military manosure ere clearly designed as a provention. The friple alliance which is loday being actively knowld together believen the Uolled Spinger believen t tes, Japao end South Kores eoother eggressive military part

to this situation, the only will to saleguard escurity in the K Washington, TASS. Facts showing that the "business" of dealing and selling amell chifrean Peninsula le 10 implement the DPRK's proposals for a per ceful settlement of the probert in the peninsula at tripates talks atleaded by the DPRK, United Stales and South Kott the speakers atressed. The issue during the talks about h the conclusion of a peace light end e withdrawal of America troops from South Kores

THE WORLD

Seven assassinated in Guatemala each day

Washington. The regime led by General Mejla in Gustema-ia is futly responsible for the growing wave of violenca eed reprisals in the country. This conclusion was reached by the influential public or ganization. ilie Wealern Hemlaphera Coun cii. Conservativa estimates irom the US Embassy in Gualemale note a sharp increasa in the mimber of politically motivated minders strice Mejta camo to power in August last year. In September the military killed to3 people, and in October the number of victims rose to 220. The reactionary regime sys-

tematically persecutes university prolessora, school teachera, reli gious, trade union, and peasant leaders. According to the Guetegralan Human Righta Commis-sion, nearly 05 thousand peo-ple have died and more than 40 thousand have disappeared owing to political violence since 1954. Disregarding oit this, the Reagan ndministration is stepping up its military and economic aid to the dictatorship, seeking to turn Guatemala and Honduras into stepping stones in its aggression against Central Ame

In the meantime, Gen. Mejta has declared that lida country's armed forces are ready to take part in the military exercises, Big Pine-3, which the United States is staging in Hondurss, Speaking in the lawn of Saloma in the south costern district of Baja Vernpuz, he stressed that the Gualemalan anny's patitelpation in the joint exercises with units from the United States, Honduras and El Salvador will sorve as a good school in com-

State-jail

New York. At the request of a group of African countries the UN Security Council has liegin consultations concerning South Africe's Intention to execula Maloiso Malesela, a member of the African National Congress of South Africa.
In a letter be wrote to the

Security Council the group

thairman, Togo's permenant representative at the UN, Alsu-Koffi Amega, sletes that the ra-cists sentenced the patriot to death, only because be dared challeoge the inbumane apartheld system in South Airice. The UN condemns the new crime planned by the South Airican feedbare by the South Airican feedbare. rican recisis. A statement by the African Netional Cengress mission at the UN polata out that Pretoria has turaed South Airica loto a military-police state. The latest figures indicate there are now over 105,000 in-mates in South Africao Jells, emong them is the noted fighter for the freedom of the Africas population of South Africa, and African National Congress lcoder, Nelson Maodele, sentenesistence of the eparthold regime is the main reason for the excalation of violence ta the country. Since 1976, the racists have put to death over a thousand people. The policy of apartheid borders on genocide, the UN Human Righte Commisalon siressed recently.

SLAVERY IN AMERICA

dren is practiced to some states of the USA bave baen made public. The childron are either stolen from their parents in the other paris of the United States or secretly brought from neigh-bouring Central American coun-tries, and ere sold at e bigh price. Depending on the ege and the cotour of skin, the price

MN INFORMATION No. 4, 1984



to preparation for new acts of aggression, the Pontsgan injects to increase the number of American divisions. The UPI news agency rsports that the Detence Deportment plans to set up special forces to support combat operations by the interventionist rapid deptoy

to this photograph from the magazine, "Cambio 16", US Morines

THE DEMOCRATS ON REAGANOMICS

Resgan, America lias become even poorer. This conclusion drawn up by Democratic Congressmen together with the Democrafic Party's National Com-

The report stresses that Rea gan's policies have led to an imprecedented growth in memployment, and to an abrupt cuttaliment of the socio-economic programmes vital for millions of Americans. As o result, every seventh American, or lificen per cent of the population, live in dire poverty. In 1982, 34 per cent of Americans lived below the official poverty line, while the number of children living in poor conditions. increased by nine per cent.

The authors of the report state that instead of helping the poor Americana, the present administration is continuing its

economic hardships

Addia Abeba. At the and of 1983 and the beginning of 1984, the economic situation in the African countries continues to be difficult. This is the conclusion made in a report presented by Prof Adedejt Executive Sec-retary of the UN Economic Com-

mission for Africa (ECA). One of the main reasons for the low annual production growth la Alrica, which atanda at 0.2 per ceat, has been a severe drought which hit 34 countries. Porecease sey that neerly 150 million Africans will suffer from mainutrition and hunger in 1984 as e result. Adverse weather conditions are not the only reason fer the poor situation has been caused by the crises in the world cepitalist economy to which many emergent etates ere linked. Prices of raw metertals which are staple liems to African exports bava dropped because of decrease in the seed for copper and other

of one child is Iroro 5,000 to 10,000 dollars. Most of these children and adolesceats are actually turned tolo staves. Their owners force them to work long bours to the fields and et livestock-breeding lerms, to take in the harvest under lba scorching sun, and do not pay them acy money for the alightest disobedience these present-day slavcowners save-raly beet them.

programmes. They estimate that in the 1982-1984 liscal years. tens of thousands of intilions of dollars were withdrawn from the limits on social needs. The first to be stepped or cancelled grommes of aid to the elderly. the memployed, to children and to the starving, while the money saved has been used by the Reagan administration to heel up further the military budget which has increased, out of every proportion, olthough

Science and technology

the country rannot alford this.

the report says.

CLEAN FISHING TACKLE

The fight against plant end animal organisms which allach themselves to fishing equipment has been a major problem in the fishing industry. The many chemicols invented to combe the organisms ellher damaged the nets or killed the fish. A chemical bas now been dayeloped, however, which avoids these disadvantages. Made out of oil preducts with a copper-ziac compoued as a loxic composent, it relains its properties for 18

AMERICA'S BIGGEST RADIOTELESCOPE

The construction has started of the biggest Americae teles-cope. It will cost the California Institute of Technology the neal sum of four militon dollars. The radiotelescope will eventually be installed in the crator of an extinct volcano on the Hewaii

FROM the SOVIET PRESS

OBJECTIVE DEMANDS

PRAVDA writes that one of the atteking points aspecially used by the USA and its oillos of the Geneva talks was America's refueinnce to include the British, Prench nuclear orma in the general bainnee at nuclear medium-range missilos

Western propagondo claims that the British and French nuclear wespons are meant exclusively for national delence. Evon granted that, this would eith opply to the Soviet Union. since, unlike NATO states, it has pledged not to be the tital lo use nucleor weodons.

Some people ofso argue that because at their nature and limited also the Drittsh and Prench nuclear arms offegelly could not threaten the USSR—but already British and Pronce have ever 200 corriers, emong them 162 missiles with ever 400 nuclear warheads. According to French military experts, the nuclear charges on submorines alone could kill 50,000,000 people, the newspoper points out. Some estimates predict that by 1990 the number of warheeds in the Brillah and Pranch nuclear systems will increase to 1,200 units-se ene fual cnnnot shut and's eyes to their denger, the newspoper argues.

ARE THERE NUCLEAR WEAPONS IN JAPAN?

TASS commentator Vasily Kharkov Writes: While the Jananese Government continues to cinim that nuclear weapons "have not been brought and are not being brought into the country", an official reference book of US navol forces, which has been published in Washington, contradicts it, raying that American submirtnes armed with nuclear weapois have called at Jopanese ports on more than one oc-

But even after it was issued the Inpanese outhorities have continued to ossett that they are "Hemly committed" to the non-nucleor principles. Their organient is tim advance consullations are needed to nilow the entry of American nucleur weopona in Jupon, ond as there have been no such consul-utions, so there have been no US nuclear weopons brought into Japan. But nonu of the Japoneso lenders have ever asked the US command if the American ships, visiting Jupan, are mimed with nucleur weapons.

This year, and this has been announced by Washington afficially, ships ni the US 7th Flort will begin to be litted with nuclear-tipped critic missiles. Many of these wurships nee based in Jopin. That country, which has fived through the horrors of Hirostilma and Nagusaki, chinot but realize what this dangerous presence may feml to.

SECRET WAR AGAINST AFRICA

In addition to irontal attacks, the metals are resorting increasingly to woging a secret war against neighbouring Airlcon stoles making use of pupper counter-revolutionary regimes. Willes the KRASNAYA ZVEZDA newspaper. The Zimbabwe leaders have repeatedly declared that the South Airicen Republic is hatching up a Filth Column in their country. The National Resistance Movement in Mozombique and UNITA in Angolo, instructed and financed by Pretoria, have been stepping up their operations.

The CIA, whose links with UNITA are an open secret, octa hand in giore with the South African secret services, Indeed, the Director of the CIA, William J. Casey went an a personal viali to South Africo to discuss closo cooperation between the secret services of the two countries. This interaction represents yet onother tink in American impertalism's sub-versive octivities egoinst independent Airica.

IRAN AND THE WEST

imperiolist powers, primorily the USA, are not abandoning the idea at restoring their positions in tran, writes the NEIV TIMES magazine. More specifically, American special services are landing the blosed and even houlife attitudes towards the USSR and ether socialist countries which have always been typical of the right wing of the frantan religious pelifical leadership. Their ofm is assentially to the up these quarters with Reagan's "crusade" ageing communism, the chief larget being Soviet internationalist old to Alghantelan in defence of the April revolution. Seeing the developments in Afghanisian men attempt to "suppress the Islamic revolution" Iren's ruiing sticles have taken a hostile stand oppoint the Afghan
Government and are backing the Afghan counter-revolutionswernment and ere backing the Alghan counter-revolutions

This and other lacis indicato, the magazine notes, that leading impariolist powers are eager both to preserve their posi-tions an the transam merket and to influence tran's policies,

OF INTEREST

Giggle, and you lose

In the southern tip of the Matocca Paninaulo in Moloyalo, the local residents have a trodition of a special sort of lighting in which the rivels or ormed with peggock leathers, tother than he usual pistoi or sword Aiter o sign from the releree, the riwoll anier o circle three metres in diometer, where they then begin to lickie each other. Pew duels last for more than filteen minutes. The loser is the one who loughs that These tights draw large crowds of sympathe-

lia viewers.

Lost property in Paris Moru than 600 telephone

calls ore made each day is e building in Ruo des Morillons in Paris whore the lost proper-N. elitee la locuted.

In 1982 Partelans and visitors to the Prench capital lost o iofol of 152,170 objects in the meiro, buses, taxis, oirpotta and Thase Included leady bears, paini cans, dolls, bables' balifes ond even deniures. Keya are key sels having been lost over when the kettle boils.

umbrellox and by over 8 thousand potra ol gloves. About onethird of the missing possessions have been rounted with their

the year, tollowed by 11,480

Dogs help the deaf

In Deliuin the only ofgentage tion which trains dogs for the other public places of the city. deal has marked one year of operation. After a 4-month couree of training, the dog can notity his muster when the telethe main object at human ab- phone or the deerbell rings, the seni-mindedness with 19,200 baby cries and will aleri him

Warsaw Treaty nations, el e me-marandum to the ombassios of Brifein, Bafgium, Wost Germeny, Greeco, Denmerk, Iceland, Spain, flaly, Canada, Luxom-bourg, the Nethorlands, Norway, Porlugal, the USA, Turkey and France. The Warsaw Troaty mambersiates, the mamerandum stresses, propose to NATO mamber-stefes that e meeting of plenipotentiary rapresentatives be held in 1984 for a preliminery exchange of opinion on the Issuo of making Eurape frae of chemical woepons. The removel of the threef

al chemical warfare from the ste-

and destruction of chamical wee-

pons. A recani impartant initiati-

ve in this field was the presen-

fallon by the USSR Foreign Mi-

nistry, in agreement with other

At various international te-rums the Seviet Union has con-chemical war in Eurape, and Washington does not hide interbegin e reduction el chamical weapons stransis. The Implementaltan of such partial measures on a regionof basis would feci-iliate offers underteken on a globel scala—accelerating the canciustan of a convention on

banning chemical weepons, which rameins the ultimeta goat of the Wersaw Tresty member-

The topicality of the Soviet proposals is unquationable. It is known that the Penlagon In-tands to bassi its steckpiles of chamical weapens, al which there are now 150,000 formes anough, according to "The Washington Post", to ki/j all men, women and children en this planaf. On balance, the US edministration plans to spend 10,000
million deliars for the development of a new generation of the development of the developm iss end peoples at Europe, Mos-ment of a new generation of caw believes, would help to chemical weapans in the nest

lions regarding the use of che-micel weepons in the European theetre of war on the territory of

primerily in Europe.

for implementation in Europe to remove the chemical threatt Perilei measures of a regional nature to fimit, reduce and desiroy chemical means, as compa-red with glebal measures, would affect fawer states and would be sesier to agree upon and implement. An in-toto-implementation of the proposal to make Europe

CHEMICAL WEAPONS

its parinars. Not surprisingly, the Soviet memorendum emphesizes: At e time of increesing world tension, there is a grawing danger of the use of chemical waspons,

What massuros are suggested tien of luture measures la corres-

Pfadges by sfeles regarding envisaged agreement en territery iree ei chemicel weepons in Europa might include, fer insten-ce, natilication ef the availability er otherwise el chemical wea-

MN INFORMATION No. 4 MI

A 3.5 TIME INCREASE IN THE VOLUME OF THE TRANS-SHIPMENT OF CONTAINER CARGOES WILL BE ACHIEVED WITH THE COMMISSIOHING OF A SPECIAL BERTH UHDER CON-STRUCTION IN THE CARGO PORT OF THE CITY OF ZHDA-NOV, IN THE UKRAIHE. The port has put folo operation tha lirst phasa of e terminal for racelving large container-cerrier ships. Far the first time in this country particularly solid stage, a by-product from the steel works. have been used in the building ol such barihs.

WITH THE CONSTRUC-TION OF THE DANUBE-ONIES. TER IRRIDATION SYSTEM LINKING THE TWO RIVERS THE DIOGEST IN THE COUH-TRY-THE ARID BUDZHAK STEPPE IS BEING MADE SUI-TABLE FOR FARMINO 22 000 heclares will be irrigated in the Odessa Regian belaro the end of the curront live-year plan

THE SILENCE OF KRESTA BAY WAS RECENTLY BROKEN BY HOOTING AS THE MIS "KAPITAN MARKOY" ARRIVED AT THE PORT OF EOVEKI NOT AFTER BEING ESCORTED THROUGH FORBIDDINO ICE FIELOS BY THE "VLADIVOS. TOK" ICEBREAKER, This is thu sacond port the list was Providenyal on the essiern coast of the Chukolka Peninsuls in the estrama northaast ol the country, lo walcome s ship caisvan in January, live menths earlier than usual. From now on navigation roules beiwean thu assi coast of Chukotke and far fasturn ports will ba opun alf the yaur round,

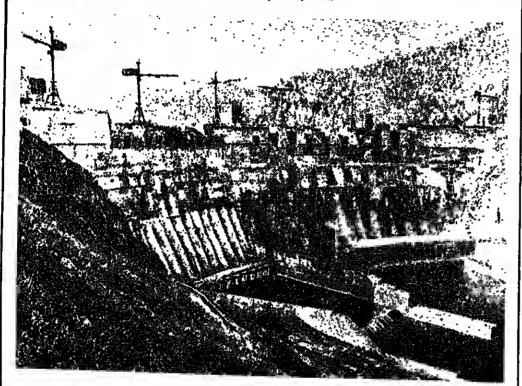
POWER FROM SIBERIA'S RIVERS

When II is campioled, the Sayena-Shashenskaye hydropawer station and under cassiruellan in Eastern Siberia, on the Vanisel River, will be one al lie largest in the warld, The hydro dam iphoto), with a capacity at 8.4 million kilowalts, will be 250 metres bigh. This statuos will eveahisly have len priver units: six are already in operation and two of the remaining four will be commissioned in 1984. The Yenlael, just like oflier Siboriau rivers, has a vasi pawer polential, it aperales the Krasnayarsk hydro, the largest in the USSR, in caperi opinian, power planta can be hullt in the Yenisei basia, intalling 60 militan kliarvalta which is lour limes mara thon the plants an the Volga, the largest European river. Producilan of electricity in Stherta is inorcover twice as chenn.

The power development of the Siberian rivers bagan an the Angaru, a tributary at the Yentsel. The plant at Irknisk was followed by the ane at Braisk and at Ust-lilmsk, When the theprechan liydro, tha last in the series, gaes into operation, the Augara will became the lirst Siberian river to operale to full capacity os far ns energy is

Energy tram the Siberian pawor plants teeds the camplexes processing Stherie's natural resources which have been buill in the area. A cansiderable share of the electricity will be Ironsmilted over transconlinental lines to the European pert of the USSR.

To preserve land and the other natural resources in the vicinity of the hydro construction sites, Saviet engineers use a system of projective measures which considerably reduce the area of flanded land. As a rule, the cost of enviranmental protocilan amounts to oac-titth of ell hydropra-



Waste-collecting ship

juilon by oil products is the pur-pose of the diesel "Flore", hulli at Khabarovsk, in the Far East.

The powerful separators instolled on the ship purity the oil-contoining waste collected in the flahing area from traviers

and relrigerators. Before Illase "sanilation" operations had to be dono in pori which incani the ishermen often had to leave the fishing area at the height of the calch. The oil products thus col-

Improved machines for atomic plants

Soviet engineers plan to speci up the construction of one-mi-lion-kilowatt power units by alumic plants by equipping then with electric machines which are simpler to hulfil and to assemble One such turbogenerator be already been built of three lines the previous speed due to the reduced size of its main pair which weigh much less than two houndred formes, thus eliminating the need for huge lorgings.

It is the flist time to the USSR that rotors of a higher rotation speed -: that tustend of the user 1,500 rph-have been designed for such machines. The additional sitesses appearing at greater speeds are taken care of by new allnys and malerials.

The manufacture of such onemillion-kilowall "reactor-turbingenerator" units is provided let In the Soviet chergy programme fire entire growits of capacitie (24-25 million kilowatts) in the European part of this country will be achieved by the construction of more negric power plants

MORE ROBOTS FOR INDUSTRY

Manipulators in this country are designed that and foremed le reduce the amount of manual work in the sleet, construction and hansport hubistries.

a whole tamily of them in lact, have settled down in the western Under the programme for as sinics of the Gissar namedalis femation, it is planned to build tange in Uzbekistan, a Soviet 22 nationistical plants and 6 Central Asian Republic, Nearly attlearated complexes in this 25 years ogo this rarest of ani-mals was driven from the above country before 1990, By this dele. Soviel Imfustry will have d region by man's economic expanits riisposal 56 thousand medsion and lelt on the verge of ex-finction. However, after two napulators, or eight times as man as of present. The introducted lure reserves were set up in its tobolionics tole Industry is toriner liabilat the snow leopard the USSR has another two slow made a comeback. The same ap- lo raise producibility and lo plies to over 200 other species improve quality accompanied by traductions in the workforce. By including such rare animals and birds ea the Central Asian wild the end of 1985, for Instance, I boar, the Tittkesian fox, the reil is planned to release fifty thosmarmot and the white and black sund workers doing manual lobs for other work. In this country In Uzbekisian alone there are those who are made redundant now 12 nature reserves and 6 herause of automation are given conservation oreas with a territhe possibility of improving their skills or of being retained tory of 375,000 liectares. In the lo ito other jobs at the expens of the company for which they work. A new Job la guaranteed them, and during training they confirm to receive average monthly wages.

A million rose bushes for a million inhabitants

HOME NEWS

No other city to this country has as many

15th-century houses as there are in Tollium, the capital of the Estonian Republic, Tallium is a city-

omscum whose centuries aid buildings represent

the story of a unique architectural style. These

are houses with extensive lararies, niches

majestic eight-wall lowers, and heavy massive

to the photo you see part at the wall surrounding Tuompea Castle, and the Pikk [Long] Her-

mann Tower. The castle walls me two and a hall metres thirk and 20 metres tail. The lowers at its

three corners were built at the real at the 14th

rentury, and the length known as The Crown of the Land built to 1500. In that year the Lung

Hermann was extended upwards, since which

tino II had remolecil michanged, it is 46 melies

Ftying from the lop of the lawer is the stain than all the Estantian Soviet Reputsit. A building of a later date tushin the castle accommodates the

SNOW LEOPARD MAKES A COMEBACK

Soviet Union we have 114 untine

reserves corciling a total area of

13.300,000 hoctares, says t/SSR

Deputy Agriculture Munister Vik-

for Shevelukha. Here latinging is

prohibited and a unified study

system of protectionary measu-

res is in operation. The second

outfloor of the government Red Data Book Includes 457 species.

thinner and thinner as the names

of certain saved species are de-

loted - for instance, the auroch.

the barnacle, the Caucasian cock,

the Ross' gull and the Central

snow icopard in the Uzliek

mountains gives one the hone

that before long this rare pre-

dator, will also be crossed out

ped the dust being raised. Groves appeared exit to mises. Donetsk—an industrial centre of the Ukraine with a population of

one million-hos become one of

the country's greenest cities. I

werm weather one million rose

hushes blossom in its streets and

parks, a bush per head of the

of the Red Data Back.

The re-establishment of the

Asian cobra.

The Red Data Back becomes

fall and measures 9.5 metres in illameter.

As many as ten snew leopards,

Places to visit

Bolanist Yevgeny Kondrotyuk and his collagues have proved that cost sisg beaps, elways considered es dead ground, can be revived. After experiments on the slopes of heaps end in coal dumps, trees and shrubs begon to grow there. For the first Ume la ho 100-year-old history of Doaelsk, these green "hilla" slop-

BALZAC IN THE UKRAINE

The great French realist writer, llonore de Bolzoe, la known in this country not only because of his books. The lost years of his life were closely esseciated with the Ukroine.

The writer twice visited Evelino Ifanska, ol Verkhovnyo, travelling from Paris vio Brody, It was at her estoto that he wrote "La Marotto" and some other works. Balzao olso went to o joir in Kiev and to Berdichev where he partled Miss Honsko.

The room where Balzac fived and worked of Verkhovnyo hos how been turned into a museum and conioins many of the objects
which surrounded him of the
time. The "Balanc Route" which
includes trips to Verkhovnyo, Berdichov, Zhilomir and Klev, Is yery populor with tourists. Not long ago, members of the editorial of "L'Humanite", the Fichch newspaper, visited Ver-

that flies

This aircraft la designed at Oleg Antonov's design bureau in Klev. In the not so distant luture many uses will be found for it, as II is balloved it can be holpful to larmers, doctors and lo people employed in comounica-tions and many other sorvices. Al present thuse areas employ smell-scale alreraft, numbering hundrads and thousands of light planes and helicoplem. However, keeping up such a large number of aircraft is costly sed seeds bigbly-skilled maintenance and lop-cless pilote: In addition many auch aircraft are unable to fly at low alliudes along forest rides or follow a moundaring mountain rivulet. This is whal' prompted the Oleg Anloady's bureau to design a supersmall, reliable and low cost electait meeting el tho above requirements.

A JOURNEY INTO

from the present into the remote

loot of a hill on which rise the rulas of the ancient forfress Narikala. It was built at the request of an hacologists and builders who began restoration work on this 4th-century orchitectural monument.

Narikala is us ald as Tbilisi iting at atlacks from enemies. I

By using the shortest cabbeway in Thirst, capital of Centga, It il possible to make a very long lourney. This 36-metre trip leads

sell and a witness to its eventful listary with its repealed repulss not farfultous that chroniclers called if "dedstsiking" (mailierlottress). Belore slatting work archilects, ethnographers and archaeologists attidied the rich historical majarial. The first lopographical plan of the fortress compiled in 1800 which they discovered gave lie experts the idea that in the past there were underground passages linking up the lortress to the benks of the

lly surroundings, and in clear weather one can

Republic's Council at Ministera. From the tawer

one gets a heautiful pannraum of the city and

The cableway is built at the

A MODEL CARDIAC VALVE

Science

and technology

A new model cardiac valve has been developed by Moscow scientists. The artificial substitute can sland heavy loads. It pumps 10 toologs of bloarl per day. This is exactly the large amount of work ifone by a healthy heart. The new valve substitute is herter than shullar foreign models 45 to its characteristics it costs the state ahout 200 roubles (about 270 dollars). As for the policut he pays notiding ention but the operation of the valve and nosionecative trealment. because medical aid is tree. It the LISSR

LONG-TERM ENVIRONMENTAL

PLANNING

Scientista of the Fat Eastern Scientific Research Centre of the DSSR Academy of Sciences have summed up the results of their many years of work. They compiled a map of soil and geo-graphic zoning, which will speed ip the development of land to the custom section of the Burkat-Annu Railway.

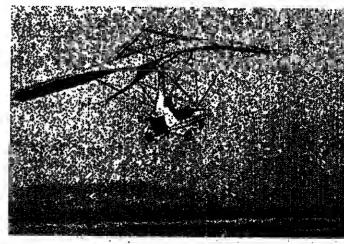
Soil, 16:k and vegetation were studied practically all over the region. The results obtained are reflected in the maps which include ecological characteristics and the economic leviluation of lately 190ts were affected for cul-Crabbin as well as areas in most of the lamation.

ANTARCTIC RECORD ESTABLISHED

Explorers from the USSR and the GDR, members of the 28th Soviet Amarctic expedition, taillocd the following incissage to teningrad; another unusual lake has been discovered in the ricinity of Wohlthat Mis. It has

been named Ober-Sec. Lako Unter-See, discavered earlier, is remarkable for the lact that water under its threametro Ihick ice cover even at -50°C always has an abovezero teraperature. Unique living organisma, which have adapted themselves to life to aternal darknuss and alpine conditions. live in the lake.

At the 146.8 metres, the Unter-See is the deepest of the inland reservoirs on the sixth con-



The first of Amonov's super Ine tirst of Arignove apperlight planes looks rather unusual
probably because of 11s deltaahaped wing made of special
fabric. The wing is easily atlachable in the fields and makes:
the plane easy to coalrol, if
requires a runway only 20 melres wide and 40 mejres long, lt is equally slable at low ellitudes or high above the clouds, flylag at speeds of 30 to 100 kmph. The plane consumes os little fuol as a mini-Cooper, and costs less than a motorcycle. It can

iiii 100 kg of cargo and carry it e distance of 100 kilomotres. Without its wing, it is a good almobile in aummer and a snowplane in winter. Il takes two men only balf an hour to as-semble the plana from the kit or to dismantle it. Its most probable applications are the spray-ing of chemicals over occhards and vinoyards, aerial photo-graphy, road traffic control, power transmission line monitor. ing and even herding reindeer from one place to another.

VIEWPOINT

1984: internationa and national exhibitions

By Viadimir KORSIKOV, Director-General

of V/O Exposonic at the USSR Chamber of Commerce and

The new year means new cares connected with the opening of the exhibition season in our country which has become traffitional venue lar interna tional and national industried ex lithillons. The jolinwing lighter prave this: If in 1985 there were llitie nince than 60 exhibition Inday there are about 250 a year. This, as well—as—the growing mendior of participating countries reveals the interest of torong Hims in promoting conneration

The exhibitious arranged with the assistance of V/O Expenents lealure invlathingy, constitution, agriculture marblur bulblur research and many other subjusts. The international exhibilon "Economy of Resources to the Construction Industry', los Instance, will be held to l'ebruary 1981, and a major review "Equipment, Appliances and In struments for the Metalwork-ing Indicates"—In March-April Opening in Moscow tills summer for the fourth flore, will be the lolernational "Agricultural Machinery, Equipment and toatrumeuls" exhibitioo.

The list of cities hosting exhibillons virtually amounts to so economic map of the USSR. We iry to arrange raviews of world ectraical achiaveorents la centres specializing in ibose branches of laduatry or science, which cor-respood to the subject at the exhibition. For example, an exhibition devoied to the baking laduatry will be held this year la Alma-Ala (Kezakhstan), e major wheat-growing area; and an ex-bibition, "Industrial Methods of Installing Equipment on Ships" will take place to Lenlograd, one of the confres of Soviet shipboilding, la all, exhibitions will be arranged la more than 50 So-

This year Moscow will be the veous for major gel-logethurs of sciuntists, such as the 16th conference of the Federation of European Diochemical Societie and the 27th internalicoa coingical coagress. V/O Expoceatr will help conterend sponsors to arrange exhibitions around the theme of these

hibitions, stress should be lai on exclusers of know-how, acquaintages with the achieve-isents of foreign partners, and on the establishment of new con-facts. In order to further these alma we organize symposiums at which representatives of different lirms give lectures. Por businessmen the exhibitions ere also o commercial interests they bay up samples and algo contracts for the delivery of machines and egulmanen L

Coalecte to the total sum 2,000 million raubles were signed at our exhibitions in 1983. many foreign firms found neperinars for themselves in tho JSSR. We hope that the results vill be even bolter in the future. Welcome to the exhibitions to be held in our country in 19841

FROM the SOVIET PRESS

DEMOCRACY IN ACTION

Viadimir Lenin, the founder of the Soviet State, saw the main trend in the development of Sovici democracy on consisting in ensuring the general participation by clitzens in the running of the stote. The in-depth exponsion of the genuine power of the people in the So-viel Union is the subject of an orticle in SOTSIAL-ISTICHESKAYA INDUSTRIYA.

Notionwide discussions here become a sloble phenamenon of our ille. Not o aingle alote plun, or major law, have been pussed over the post lew years without preliminary widespreud discussion by the people. A vivid example is provided by the current the proposed relorm of our general and vocational educotional systems.

The right to perticipate in the running of sinte and public attoirs, the power of the masses, said Vindimir Lonin, la realised through Organizations which are structured in such o way so as to awriken and attmuloto these mosses for historical octivity... This means the Sovicts of the Pcopie's Deputies. They have 2.3 million elected deputics. In oddition over 30 million octivists moke o permonent contribution to the operation of the Sovicis. This ciso meons the organa of people's control in whose everydoy octivities over 10 million people tuke part. More than 600 thousand representatives of work collectives oct as people's assessors, while the voluntary militio with o membership of 8 million help enforce public order. The trade unions, the Young Communist league, the cooperative and other working people's ossociotions, encompossing virtually the entire odult population of this country are likewise included. As inclienable components of Soviet society, they proticipale, in accordance with their rules and regulations, in running the country, in the solution of political, economic, sociol and cultural problems.

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SCIENCE AND THE STATE PLAN

The 12 km mush has been reached of the Kolo Pentinaulo superdeep horehole, the deepest world record. Venera-15 and 18, the Soviet outomnic alollona, tronsmil volunbic information about the enigmatic Marning Stor. In 1983 scientists helped to infroduce into industry 3.7 thousand diliorent types of machinea, equipment, instruments and moterials.

Such ore the results, willes PRAVDA, of the nehlevementa of Soviet science, which is directed of solving topical problems reloted to developing this country's productive forces, and to intensitying social production.

Our selentists and engineers are loced with the com-plex make continued in the 1984 State Plan. There are over 1,150 gools to be ochleved new technology and over 380 in the intraduction of progressive technologies, outomation and mechanization.
Altogather immisterial and departmental plans included) it is intended to develop about 3.9 thousand machines, pieces of equipment, instruments and moterials over the year, 2.2 thousand outduted industrial products will be discontinued, while 600 nutomatic control systems lor technological processes will be put into operation. This large-scale programme should bring down production costs in industry in 1984 by 3.9 billion roubles.

GEOLOGISTS ASSISTED BY SPACE PHOTOGRAPHY

Sovici scientists ore of the opinion that apoce photogrophy mohes geological surveys (wice as ellicient; writes IZVESTIA. The truth of this opinion is confirmed. by the brilliant lorccasts of Siberinn space geologists. Space photography has successed for the lirst time in Western Siberia to locate a new oil deposit, now named Sredne-Kondinskoye,

The search for troces of underground minerals storted several years ogo here. Scismological surveyors and drilling engineers were told to check 120 onomalies

which showed up in the photos and which reaembled in shape the deposits already mined. This resulted in con-addroble savings in lobour, seismic research and dril-

in the USSR n lot of exploration bareholes are drilled coaling hundreds of thousands of roubles coch, with only 3 out of ten "httling the torget". When coordinated from space and optimum plots for further exploration ore recommended to geologists, boring precision should

RED DATA BOOK CALLS FOR ACTION

Over the post few years the Red Dote Book has bewilles Vosliy Peakov, in KOMSOMOLSKAYA PRAVDA. Red Doto Books have been published in mony countries, including the Soviet Union, The RSFSR Red Doto Book which came out recently, lists threatened species of mommols, birds, lish and insects. But it would be wrong to ossume an entry in the Red Dato Book outomotically: ensures salvotion for on onimel.

No, the Book represents but a worning bell: "Look: boch, pny oftention!" And it oppsors it has not folled. in vain. Noture prescription in this country has some goins to its credit. Once the soigo ontelope was considered u dying species, today there are hundreds of thousands of them. The numbers of the river between hove been restored, and it has become common in a number of oreas of this country. Thonks to preservation measures, the Red Dato Book seals have returned to mony of their traditional haunts and tho grey whale has oppeared once again oil the Poolile coosis.

The Red Dato Book is not meant for a wide range of the rendars. It is on old for experts. But it is very important ... that it should be reed not only by reelogists but also by. designers, monogers and Party executives who make tesponsible decisions.

> MN INFORMATION No. 4, 1984 MN DIFORMATION No. 4, 114

as is allested by my suraame, which in Georgian means 'chiel wine-maker'," asys Oter Megviaetu huleesi, "Although my lather is a wine-maker,

only make wino oe the slage, it at all."

Theatregoers in Georgia have long known and leved Olar, as actor at the Mardzhanishvill Thealre, in Thillsi, Neerly the whote of Otar's werking cereer has been with the Mardzhanieh-vill company except for the tow years he spant is Rustsvi, n city of sleet workers, where the Mardzhanishvill company sat up e naw drama

Otar Magyjaeiubulgesi wan neijonwide acciaim end peputerity quite receeily, as a result of a tetevision serial "The Sheres" to which he eppeared, based on the novel, "Date Tutashkhia" b the modern Georgian writer, Chabua Amtredzhibi Though the action of "The Shores" takes place at the turn of the contary, the courage, merat purity and nobitity displayed by Data Talashkhie, the leading character whem Otar plays, made an impression on modern endlences.

During his career with the Mardzhantshvilli company, Olar has played a number al different paris—Cyreno de Bergerac, Nicholas I ol Russia, Don Quixote, Cerveoies, Hamlet, the Georgias primitive, ertisi Pirosmani, and King Oedipus, to name e lew outstanding ones.
"Whenever i can I set without eake up or

costumes. This is how t once played liresmapl end t was tater pleased to hear tisat my tace had auddenty changed to resemble Pirosnraal'a, I believe that if an actor is at one with his characier, he changes beyond recognition in appearance, even to the extent of the expression, our colour

"In my view, the actor's procession ofters the possibility of expressing one's dreams, one's impes for one's own life, and that of others. At least once in a litetime a man asks himself what he lives for and whether he has achieved everything he could have done. The greatest pain one can teel comes from the need to justily oneaelt allerwards, t think that o Man is born to give warmth to other people, god to live for the



tmportant thing.

"I also want to play to a comedy. I bellove that comic active ore the happlest people in the world. Their acting draws an immediate resposse from the andience, and every phrose they say is met with laughtor. I would also like to play Macbeth and King Lear. Although there is etill time as lar ns King Lear la concerued. If may be too lolo for me lo ploy Machelb, as I am littly-one now. t dream of acting Don Quixote on the acrees Whether this will be possible, or act, I don't know, though there is a plan to tilm a serial based on Carvantes' novet."

OPERA-BALLET

An opera-ballet "Flight", a new genre for the Estonian performing aris, has been produced in Tellinn by the Estonia Theatre Company. Composer is E. Tamberg and the plot is based on the elory "Barder" by the Bulgarlan writer, P. Vezhinov.

Our new production represents on appeal for good ond for mutual understanding among people, said the producer, M. Murdmao, chief choreogrep her of the theatre. The genre enobles us to uette choreography

Brodsky anniversary

museums and galleries in this country took part in arranging The centenary exhibition of works by the outstanding Soviet pain-ler, Isaek Brodsky (1884-1939), which has opened at the research museum of the USSR Academy

ol Arts, in Leningrad. Over 250 canvases end drawings are on display in the halls of this old mansion where Brodsky, one of the most talented of ilya Repin's pupils, studied and later talight. They give an idea

More than twenty major art clude the famous Lenin series, skeichee for paintings of the Revolution, and numerous port-

and EVENTS Taurs. Two outstanding Soviel companies—the Kirov ballet from Leningred and the Moscow Ari

ralls showing prominent public

figures and politicises.

Theatre, ore to visit Vienne in Books. Izobrazitelnoye iskussivo, the Moscow publishers, have Issued M. Lebedinsky's book, "The Portrait of Raphael". The adillon is fimed to coincide with the 500th enriversery since the birth of this great itelian painter of the High Renaissance. The author stresses the special importance of Raphael's portralls and analyses many of

REVIEW OF RUSSIA'S ORCHESTRAS

The conclusive round of tha oll-Russia review of symphon orchesiras is toking place at tha Grend Hall of the Moscow Conservatoire. The concert programmes include Russien and loreign music plus one work by a Soviet composer for each con-

THE RESERVE OF THE PARTY.

testant. The reviaw le held to promote parforming standards and to widen the orchestra repetioire. The jury includes welfknown conductors, composers and musicians and is cheired by Tikhoa Khrennikov.



"Portrall of Student Yoloon Phippove."

"The Vologda Kremlin,"

Works of set by sriists from the Russian Federation are to be sees at the exhibition half at 486 Gorky Sireet in Moscow. At present none-man show by Viadimir Korbakov, of Vologda, is on view here. The portraits, genre scenes, and landscapes is the exhibition give visitors very lively impression at this marve-

FILM FESTIVAL IN BOMBAY

The International film festival is held in Bonibay. Over 200 films from 40 countiles era being shown. The USSR to presenting "I Saw the Bith of a New World", "Station to: Two", "fin Love et His Own Wish" ond

SOVIET SINGER DISTINGUISHED IN BARCELONA

The Grand Prix and gold medal of the 21st International Francisco Viffae singing contest in Barcelona have been awerded to the Soviel einger, Gleb Nikolsky, a soloist with the Voronezh Opera and Ballel Theatre com-

This is not the young singer's first triumph. In 1981 he won the all-Union Mikhail Glinks contest. Nikolsky underwent part of his training at La Scala in Milan. Here and at the San Carlo operahouse in Nopice, he mado a successful debut as Guardiano in Verdi's "La forza del destino" and ea Hector in "Troyena" by



Durleg the recant Russian Winter Arts Pestival, music lovers ded a coocert given by planisi Peier Douokoe, of Britalu. Double wlooer of the Soventh international Tchalkovsky Competition gave e eolo performanco and also acied os or compaolsi to the Cogian singor, Pasio Burchuladze, e winner of the same coolest. the coaceri in the Grand Hall of the Moscow Conserve ofre. Photo by Andrei Stepan

WHAT'S ON!

January 14-16

THEATRES

Kremlin Paloce of Coagresses

(Kremlin). Moscow Classical Bel-

et Ensemble performancee: 14-

A coacert, 16 - "The Creation

Theetre performance: (5 (eva)-

Bolsbol Theatre (Svardlov Sq).

14 — Mussorgsky, "Khovan-ahchina" (opere), 15 (met)— Khrennikov, "Love for Love"

(baflet); [S (eve)—Adam, "Gleel-

Stanislaveky and Nemirovich-

Danchenku Musical Thesire (17

Pushkinskaye St). 14 — Zhubaoo-

va, "Moscow Behlod Ue" (opera).

15 (mai)-Prokofley, "Cinderella" (baffet); 15 (eve)—Tchelkovsky.
"Iolanihe" (opera), 18 — Bala-sanyan, "Shakuetala" (ballef).

Operette Theetre (6 Pushkin-ekaya St). 14—Ziv, "Messteure Artistes". 15 (mai and aft)— Gladkov, "Khoitabych"; 15 (eve)

-Mifyutin, "Girle in a Flurry". 16 - Kalman, "The Gypsy Prin-

Vardi, "Il Trovatore" (opere).

of the World" (ballet). 15 (eve)

____ FILMS ___

film Studios, USSR),

Three os the Highway for

A slory involving the

vers of trucks on tolerand

Grimeu St). Melro Akadenid

kaya; "Prizyy" (25 Kuluma) Prospekt). Metro Kuluzowa

bekillm-Tajikiilm co-profit

USSR).

The Youth of e Genius

About the edolesce

the greel Oriental schools.

Sina, known as Avican.

Cineme: "Metropol" ([Metropol" | Met

- CONCERT HALL

Centrel Concert Ha

Moskvoretskaya Embanimi ibe Rosslye Hotel). 13, 13 Yella pop group from 150 tas, "Friands, Lafe Enjoy,

MN INFORMATION No.

BUSINESS

TV serial based # SEMINARS Jules Verne's life AND SYMPOSIUMS Shooting has begun of a see part TV serial "Lea colonial capital no Gront". Stanishar Grontikhin la the director of the folial production by Odesa Researchilles and the Royans See

Studios and the Boyana Sein

This is e romantic story in:

on some episodes from the D

of Jules Vorne, who is 694

the characters in our film, Gar

rukliln says. The serial will be

shot in the Crimea, oo the Mri

Sea coast of the Caucasus and

Andersen on state

"The Ugly Duckling" by Ha Christian Andersen has lef

steged es a ballel by the Lat

grad choreographer, L. Lebes

The flist performance took the

recently at the Leningrad &:

Opero and Ballet Thesire &

other of Andersen's fairy &

"The Snow Queeo", has by

turned Into an opera by S. In-

vich, Called "Tha Story de ond Gerda", il is in the ex-

totre of the Kirov Opent

of Bulgarta.

♣ The Brilish lirm of Parker Plant has held a seminar in Mescow with assistance from the Executive Committee of the Moscow City Sovict. Specialista from the firm told their Soviet colleagues about their experience in the use of ferroconcreto structures in construction and about melhods of regenerating

> + The USSR Stale Committee for Science and Technology has bosted a symposium on the production of large-diameter pipes. Speciolists from the Itosentatives from Soviet research establishments and industry ahouf the latest developments in the field, and about the technology for the production of such pipes, including methods for control and management of their manufacture.

+ The Dutch firm of AKSO has given a symposium in Moscow on the subject of the production of initial malerials for the cosmette industry. The meeting between specialists was field as part of an agreement on scientific and technical cooperation between this firm out the USSR State Committee for Science and Technology.

+ The USSR State Committee for Science and Technology has assisted the Ilrm of Universal Export Service in arranging e seminar on medical technolo gles. Representatives of Soviet medical establishments listened developments and experience in the manufecture of equipment for cerdio-reanimation and electro-cardlogrophy.

+ The Moscow office of the Finno-Soviet Chamber of Commerce has bosted en exhibition symposium, organized by the firm of Pexima, on the application of plastic pipes in civil construction and municipal services. Representatives of Soviet organizations heard reports delivered by specialists from Finnish firms on their experience In the use of PVC pipes, structures, and isolation materials in heal cooduct systems.

poet Mikheil Malusovsky, 15

(ail)-"A Praity Woman With a

Flower and Windows Feeing

North", a performance, starring

"Whims of a Mime", a vertely

performance, leaturing Alexander

_EXHIBITIONS _

Museum of History (1/2 Red

Square). An exhibition to merk

the museum's centenary. Tho

most valueble of the four end a

half million uoique items in the

collection ere os display. Dally,

except Tuesday, 10 a.m. to 6 p.m. Wednesday and Friday,

Ploshchad Revoluisil.

a.m. lo 7 p.m. Matro

Exhibition Hall, RSFSR Artists

Unios (46b Gorky Si). A one-man show by V. Koibakov, a

palmiar from Vologde, Dally, ax-

cepi Monday, II s.m. 10 7 p.m.

Salurday and Sunday, noon lo

5 p.m. Metro Mayakovskaya,

Talyana Doronina; 15 (ava) -

PHILIPS OPENS MOSCOW OFFICE

Phillips, the Dutch company has opened an ailico in Mos-cow. The litte's pariners in this country are Mashurihorinique Electronoiglechnika, Stankolm port and a number of other forolgn trade ossociations. Philips sells household video and audio

From this country it buys natoroscopes, electronic compo-nents, and relitgerators. Speakers at the opening ceremony or the new office stressed that there is plenty of potential for the further development of both commercial and scientific and lechnical relations between Phi ltns and its Soviet partners.

New Zealand: good trade prospects with USSR

For more than quarter of o foreign trade associations have mainlained trusiness contacts with Amalgamated Marketing Ltd., a New Zealand company. Over this period, they have no ficenbly expanded the volume of their trade, with a number o new promising goods featuring in their multiol deliveries. This is stressed by the fact that Amalgamater Marketing has now opened un office in Mos

The firm's Executive Director. R. Finloyson told journolists that despite the considerable illstonce between the two comirles, the Soviet Union plays a leading part in the company's commercial activities. Assolactivities. Asiol gamated Markeling supplies this country with a number of foodstuffs, and Imports Sovie machines and raw anoterials Motorists in New Zealand have bough three thousand Lada cars and Nivo cross-country ve hicles originally purchased by greater expansion in Irade be

Anolgamated for sale at home.

In the next few years the company liones to lacilitate a tween New Zealand ond the USSR and to develop other forms of business contacts in euch ereas es agriculture.

. SPORTS

VOLLEYBALL

Smalt Sports Arena (Luzhniki).

14 aod 15-USSR women's cham-

pionahip (top league). 4.45 p.m. and 6.30 p.m. (both days).

Taking pari will be Mos-cow Dynamo, Tashkeni Avio-

mobilisi, Chelyabiusk Politakhnik, Novostbirsk Kirovais,

Cantral Army Sports Club, Zeporozbye Orbila and other

Send your freight from Moscow to Paris and back by Aeroflot

Regular llights of IL-76T's are now under way between Moscow and Paris. Cargo llights on this international route will take place every two weeks. For delalled information, ask the nearest Aeroflot ageacy. The llights will take place according to the following schedule:

SU-729 IL-70T Tuesday	Airpert	SU-730 IL-761 Tuesday
12.30 dep. 14.30 arr.	Moscoty Paris	arr. 22,45 dnp. 17.00
Tuesday	Airpori	Tuesday

The time is local.

our country

Hungerian economy with electri-

city, energy fuels, machine tools.

vabicies, and oll sorta of raw

materials. In turn, Hungary will

continue its delivertes of equip-

ment for poultry yards and animal-breeding complexes ond

ellective chemicals for protec-tion of agricultural crops.

The minister further noted that

this shows that spacialization and

cooperatios ploy e apecisi role in the development of the So-

viet-Hungarien economic relo

lions. The agreements on special-

ization end cooperation to a

major extent influence the pat-

similar figures for other items.

ΑΘΡΟΦΛΟΤ

Hungary's cooperation

The rate of growth in the trade with the USSR is higher than any olber country. Under a trade agreement recently algood is foscow this growth is 1884 will exceed 8,000 million roubles.

WEATHER The Soviet Union supplies the January 14-16

Is Moscow, city ead region, eloudy wilb elear spoils ond light enow at times, Night temperalures of -3°, -8°C, esd

0°C, -5°C during the day. Mo-

Trolleybuses f, 12, 20. darate S end STY wied. TRANSPORT HOURS Melro 6 a.m. Io 1 a.m. Fare 5 kopeks. Trolleybuses 6 a.m. fo 1 a.m. Fare 4 kopeks. Buses 6 a.m. fo 1 a.m. Fare 5 kopaks. Trams 5.30 a.m. to 1.30 a.m. Fare 3 kopeks. Texts 24-hour service. Twenty kopeks on the maler to begin, plus 20 kopeks per kliometre. Ordering e ceb 24-hour service. Telephone 225-00-00. Communal cabs (ever 40 roules in the city) 7 a.m. to 9 p.m. fare 15 kopaks.

Fruitful and comprehensive links with the Soviet Union are playing a major role in the de-velopment of the Hungarian scoony and exarting a mojor influence on the country's in-dustry and foreign trade, a TASS correspondent has been told by the Hungarian Foreigo Trade Minister, Péter Veress, For several decades now, the USSR has been Hungary's biggest partner in economic cooperatios, with more than one-third of the country's foreign trade falling on the

ORDER JUBILEE

Shipbuilding occupies a leading position in the diverse in-Irlal and commorciol actividustrial and commorciol activities of the Finnish firm of Rauma-Repole, with the main buyer for its abips being the Soviet Union. A short while age, one of our sulpyards launched fis 2001b ship built to Soviet order, says Ropole's Director K. Kelola. Thie was the fanker, "Rez-doinoye" designed for shipping operations in the Polar regions. We have been building tankers of this type for the Soviet Union sinco 1972. Other areas of cooperation with our Soviel

partners are the timber, woodworking, wood-pulp-and-paper industries. Por over quarier of n contury Reuma-Ropola has boen importing heavy Soviat machine tools, and recently, most of these have been fitted with sumorical control. Such mechines have been used to adventage ni the company's lec-tories in Port and other places. A short while ngo, a contract was eigned to Moscow for the purchase by the firm of another consignment of Soviet machine lools.

Contacts and contracts

O A short white ogo, the librae hundredin carriage made at the Mytishchi Engineering Works was handed over to Hun-garien clients in Budanesi. This delivery was made by o contraci between the All-Union Foreign Trade Association Ener-gomashexport and the Hungarian foreign trade enterprise Ni-kex which has been importing Soviet motor carriages for fifleen yeers. Under the confrect signed bolwaen the All-Union Foreign Trede Association Prommashimport and the Hungatern of trade between the two countries. The growth is trade in Transelektro 51 sets of treds and technological equipment goods produced under such ore to be delivered to the Soogreements is much higher than viet Union in 1984.

② A prolocol on goods turnover between the USSR and Roments in 1984 providing for lurther growth in mulual trade has been signed in Moscow.

O Under contracts signed betwoen the Foseign Trade Asso-ciolien Meshinolmpori with the loreign trede organizations Bal-koncerimpex from Bulgerio and Meshinan-Export Irom the GDR, the manufacture of a now mo-dernized series of machines for delivery to the Soviet Union has begun. The Bulgatian enterprisa makes the Record-3 before-driven lrucks with a carrying capacity of seven lonner for use in ports and werehouses, while the GDR factory will build electric locomolives for work in quarties and mines.

selves", a variety performance variety Theatre (2017) senevskaya Embankman An evening devoted to be poser, Veniamin Basser. MH INFORMATION No. 4, 1984